



DECLARATION AND POWER OF ATTORNEY FOR PATENT
APPLICATION

Attorney Docket No.: 02CT39353399CIP2

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below
next to my name,

I believe I am the original, first and sole inventor (if only one
name is listed below) or an original, first and joint inventor
(if plural names are listed below) of the subject matter which is
claimed and for which a patent is sought on the invention
entitled: QUANTUM GATE FOR CARRYING OUT A GROVER'S QUANTUM
ALGORITHM AND A RELATIVE METHOD OF PERFORMING THE INTERFERENCE
OPERATION OF A GROVER'S QUANTUM ALGORITHM, the specification of
which:

(check one)

_____ is attached hereto

X was filed on November 4, 2003

as Application Serial No. 10/701,160

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents
of the above-identified specification, including the claims, as
amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material
to the examination of this application in accordance with Title
37, Code of Federal Regulation, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United
States Code, 119 of any foreign application(s) for patent or
inventor's certificate listed below and have also identified :
below any foreign application for patent or inventor's
certificate having a filing date before that of the application
on which priority is claimed:

Prior Foreign Application(s) Priority Claimed

<u>02425447.6</u>	<u>EP</u>	<u>8 July 2002</u>	<u>[X]</u>	<u>[]</u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

<u>02425672.9</u>	<u>EP</u>	<u>4 November 2002</u>	<u>[X]</u>	<u>[]</u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

<u>03425080.3</u>	<u>EP</u>	<u>11 February 2003</u>	<u>[X]</u>	<u>[]</u>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>10/701,150</u>	<u>November 4, 2003</u>	<u>Pending</u>
(Appln Serial No.)	(Filing Date)	(Status)
(patented, pending, aban.)		

<u>10/615,446</u>	<u>July 8, 2003</u>	<u>Pending</u>
(Appln Serial No.)	(Filing Date)	(Status)
(patented, pending, aban.)		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Christopher F. Regan**, Reg. No. 34,906; **Herbert L. Allen**, Reg. No. 25,322; **David L. Sigalow**, Reg. No. 36,006; **Richard K. Warther**, Reg. No. 32,180; **Michael W. Taylor**, Reg. No. 43,182; **Henry Estevez**, Reg. No. 37,823; **Paul J. Ditmyer**, Reg. No. 40,455; **John F. Woodson, II**, Reg. No. 45,236; **Charles E. Wands**, Reg. No. 25,649; **Jacqueline E. Hartt**, Reg. No. 37,845; **Carl Napolitano**, Reg. No. 37,405; **Jon M. Gibbs**, Reg. No. 47,594; **David L. Stewart**, Reg. No. 37,578 and **Lisa K. Jorgenson**, Reg. No. 34,845.

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